

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1 of 49

Application Number	10/111,192
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

## **U.S. PATENT DOCUMENTS**

Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/KAB/	686	6,972,127	12-06-2005	Schenk	
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	680	2005/0249727 A1	11-10-2005	Schenk	
	785	2005/0249725 A1	11-10-2005	Schenk et al.	
	674	6,962,707	11-08-2005	Schenk	
	656	6,946,135	09-20-2005	Schenk	
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	713	6,936,698	08-30-2005	Taylor	
	716	6,933,368	08-23-2005	Co et al.	
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	685	2005/0163788 A1	07-28-2005	Schenk	
	657	6,913,745	07-05-2005	Schenk	
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	658	6,905,686	06-14-2005	Schenk	
	714	2005/0123534 A1	06-09-2005	Adair et al.	
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	659	6,890,535	05-10-2005	Schenk	
	578	6,875,434	04-05-2005	Schenk	
	683	2005/0059802 A1	03-17-2005	Schenk et al.	
	684	2005/0059591 A1	03-17-2005	Schenk et al.	
	575	6,866,850	03-15-2005	Schenk	
	577	6,866,849	03-15-2005	Schenk	
	661	2005/0009150 A1	01-13-2005	Basi et al.	
	583	2004/0265919 A1	12-30-2004	Vanderstichlele et al.	
	581	2004/0247612 A1	12-09-2004	Wang	
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	576	6,818,218	11-16-2004	Schenk	
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	805	2004/0197324 A1	10-07-2004	Jun et al.	
/KAB/	563	6,787,637	09-07-2004	Schenk et al.	

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**Complete if Known**

Application Number	10/777,792
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First Named Inventor	Schenk, D. B.
Art Unit	1649
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Attorney Docket Number	15270J-004766US

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	672	6,787,140	09-07-2004	Schenk	
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	442	6,713,450 B2	03-30-2004	Frangione et al.	
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	708	2003/0039645 A1	10-14-2003	Adair et al.	
	415	2003/0166558 A1	09-04-2003	Frangione et al.	
	431	2003/0165496 A1	09-04-2003	Basi et al.	
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Application Number	10/777,792
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First Named Inventor	Schenk, D. B.
Art Unit	1649
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	723	6,121,022	09-19-2000	Presta et al.	
	231	6,114,133	09-05-2000	Seubert et al.	
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	510	6,022,859	02-08-2000	Kiessling, et al.	
	221	5,989,566	11-23-1999	Cobb et al.	
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	2	5,958,883	09-28-1999	Snow	
	3	5,955,317	09-21-1999	Suzuki et al.	
	4	5,955,079	09-21-1999	Mond et al.	
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	321	5,837,672	11-17-1998	Schenk et al.	
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Sheet 5 of 49

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	721	5,677,425	10-14-1997	Bodmer et al.	
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/KAB/	513	5,514,548	05-07-1996	Krebber et al.	
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	403	5,464,823	11-07-1995	Lehrer et al.	
	175	5,441,870	08-15-1995	Seubert, et al.	
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	27	5,387,742	02-07-1995	Cordell	
	781	5,385,887	01-31-1995	Yim et al.	
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	645	5,258,498	11-02-1993	Huston et al.	
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	703	5,225,539	07-06-1993	Winter	
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	402	4,713,366	12-15-1987	Stevens	
/KAB/	34	4,666,829	05-19-1987	Glenner et al.	

**U.S. PATENT APPLICATIONS**

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/KAB/	692	11/245,916	10-07-2005	Schenk	
/KAB/	296	60/254,465	12-08-2000	Holtzman et al.	

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/KAB/	297	60/254,498	12-08-2000	Holtzman et al.	
↓	305	09/724,842	11-28-2000	Chalifour et al.	
	299	60/186,295	03-01-2000	Rasmussen et al.	
	295	60/184,601	02-24-2000	Holtzman et al.	
	282	60/169,687	12-08-1999	Chain	
	242	60/168,594	11-29-1999	Chalifour et al.	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 8 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

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Sheet 9 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

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Sheet 10 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

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**INFORMATION DISCLOSURE  
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Sheet 11 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 12 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 13 of 49

**Complete if Known**

Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/777,792
		Filing Date	February 11, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1649
		Examiner Name	Ballard, K. A.
Sheet 14 of 49	Attorney Docket Number	15270J-004766US	

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/KAB/	419	BORK et al., "Go hunting in sequence databases but watch out for the traps," <i>Trends in Genetics</i> , 12(10):425-427 (1996).	

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**INFORMATION DISCLOSURE  
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Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

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First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

/KAB/	224	Center for Biologics Evaluation and Research, U.S. Food and Drug Administration, Thimerosal in Vaccines (Mercury in Plasma-Derived Products), web site contents found at : <a href="http://www.fda.gov/cber/vaccine/thimerosal.htm">http://www.fda.gov/cber/vaccine/thimerosal.htm</a> , last updated May 16, 2002.	
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		Examiner Name	Ballard, K. A.
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/KAB/	436	DICKSON et al., "Neuroimmunology of Alzheimer's disease: a conference report," <u>Neurobiology of Aging</u> , 13(6):793-798 (1992), abstract only	
/KAB/	698	Dictionary.com definition of "prophylactic", pages 1-3 downloaded from internet 10/12/05.	
/KAB/	735	DI MARTINO et al., "Production and Characterization of Antibodies to Mouse Scrapie-Amyloid Protein Elicited by Non-carrier Linked Synthetic Peptide Immunogens," <u>J. Molecular Recognition</u> , 4(2-3):85-91 (1991).	

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		Examiner Name	Ballard, K. A.
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/KAB/	390	DIOMEDE et al., "Activation effects of a prion protein fragment [PrP-(106-126)] on human leucocytes," <u>Biochem. J.</u> , 320:563-570 (1996).	
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/KAB/	225	Elan, "Elan and AHP Provide an Update on the Phase 2A Clinical Trial of AN-1792," Press Release. (1/18/2002).	

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Sheet 20 of 49	Attorney Docket Number	15270J-004766US	

/KAB/	226	Elan, "Elan and Wyeth Provide Update on Status of Alzheimer's Collaboration," Press Release (3/1/2002).	
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Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

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Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

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Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/777,792
		Filing Date	February 11, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1649
		Examiner Name	Ballard, K. A.
Sheet 25 of 49	Attorney Docket Number	15270J-004766US	

/KAB/	182	HANAN and SOLOMON, "Inhibitory effect of monoclonal antibodies on Alzheimer's $\beta$ -amyloid peptide aggregation," <u>Int. J. Exp. Clin. Invest.</u> , 3:130-133 (1996).	
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Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

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/KAB/	124	HYMAN et al., "Molecular Epidemiology of Alzheimer's Disease," <u>N. E. J. Medicine</u> , 333(19):1283-1284 (1995).	
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Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

/KAB/	546	IRIZARRY et al., "A $\beta$ Deposition Is Associated with Neuropil Changes, but not with Overt Neuronal Loss in the Human Amyloid Precursor Protein V717F (PDAPP) Transgenic Mouse," <u>J. Neuroscience</u> , 17(18):7053-7059 (1997).	
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		Filing Date	February 11, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1649
		Examiner Name	Ballard, K. A.
Sheet 28 of 49	Attorney Docket Number	15270J-004766US	

/KAB/	371	JOHNSTONE et al., Nuclear and Cytoplasmic Localization of the $\beta$ -Amyloid Peptide (1-43) in Transfected 293 Cells," <u>Biochem. Biophys. Res. Comm.</u> , 220:710-718 (1996).	
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				First Named Inventor	Schenk, D. B.
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				Examiner Name	Ballard, K. A.
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/KAB/	258	KIDA, et al., "Early amyloid- $\beta$ deposits show different immunoreactivity to the amino- and carboxy-terminal regions of b-peptide in Alzheimer's disease and Down's syndrome brain," <u>Neuroscience Letters</u> , 193:105-108 (1995).	
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/KAB/	732	MAURY et al., "Immunohistochemical Localization of Amyloid in Finnish Hereditary Amyloidosis with Antibodies to Gelsolin Peptides," <u>Laboratory Investigation</u> , 64(3):400-404 (1991).	
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		Filing Date	February 11, 2004
		First Named Inventor	Schenk, D. B.
		Art Unit	1649
		Examiner Name	Ballard, K. A.
		Attorney Docket Number	15270J-004766US
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/KAB/	398	PALHA et al., "Antibody recognition of amyloidogenic transthyretin variants in serum of patients with familial amyloidotic polyneuropathy," <u>J. Mol. Med.</u> , 7:703-707 (2001).	
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/KAB/	279	SAITO et al., "Vector-mediated delivery of <sup>125</sup> I-labeled $\beta$ -amyloid peptide Ab <sup>1-40</sup> through the blood-brain barrier and binding to Alzheimer disease amyloid of the A $\beta$ <sup>1-40</sup> vector complex," <u>PNAS</u> , 92:10227-10231 (1995).	
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Examiner Name	Ballard, K. A.
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Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

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		First Named Inventor	Schenk, D. B.		
		Art Unit	1649		
		Examiner Name	Ballard, K. A.		
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/KAB/	166	TRIEB et al., "Is Alzheimer beta amyloid precursor protein (APP) an autoantigen? Peptides corresponding to parts of the APP sequence stimulate T lymphocytes in normals, but not in patients with Alzheimer's disease," <u>Immunobiology</u> , 191(2-3):114-115 Abstract C.37, (1994).	
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Application Number	10/777,792
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First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
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First Named Inventor	Schenk, D. B.
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Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

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Application Number	10/777,792
Filing Date	February 11, 2004
First Named Inventor	Schenk, D. B.
Art Unit	1649
Examiner Name	Ballard, K. A.
Attorney Docket Number	15270J-004766US

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		First Named Inventor	Schenk, D. B.		
		Art Unit	1649		
		Examiner Name	Ballard, K. A.		
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